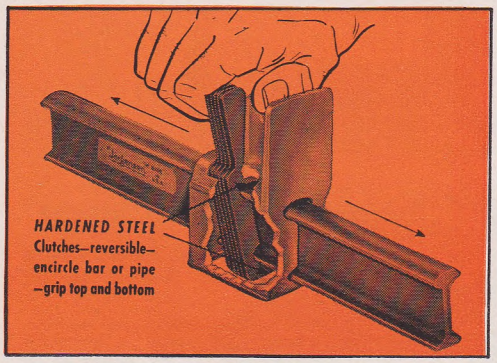
handscrews
bar clamps
clamp fixtures
hinged clamps
NEW hold-down clamps
"C" clamps
press screws
and other types of clamps
including steel BAR CLAMPS

featuring the many practical advantages of exclusive MULTIPLE-DISC-CLUTCH operation

condensed catalog no. L-19



"Jorgensen" REG. U.S. PAT. OFF.

CLAMPS

"Pony" REG. U.S. PAT. OFF.

The obvious advantage of "Jorgensen" and "Pony" Steel Bar Clamps is the "MULTIPLE-DISC-CLUTCH" mechanism originated and developed exclusively for "Jorgensen" and "Pony" Clamps. The clutch holds anyplace along the bar or pipe, without notches or weakening deformities that slow down operation. The mechanism *zips* to position against the work, ready for final screw pressure. It encircles the bar or pipe, grips top and bottom, holds securely, releases easily without chipping, filling up with filings, or crushing the pipe. Slight finger pressure on clutch extensions releases clutch instantly. Clutches are reversible—easily turned around or replaced if ever desirable. Simple construction makes it an efficient, trouble-free device.

SUGGESTIONS FOR THE SELECTION, USE AND CARE OF CLAMPS

1. Investigate and compare the advantages of "Jorgensen" Handscrews over other *types* of clamps. A Handscrew works faster, clamps better over broader areas, and is superior to almost any other clamping device for most types of jobs.
2. Investigate the possible use of "deep-reach" "Jorgensen" Bar Clamps instead of ordinary "C" clamps, for speedier operation.
3. Select clamps designed for the load and size of work intended. Clamp "depth" and "reach" should be as small as your work will permit.
4. Specify "full-length screws" on large-size "C" clamps only when unusual conditions require them.
5. Using large "C" clamps on small work puts an abnormal bending strain on the clamp screw and frame.
6. Clamps cannot compensate for improperly fabricated work.
7. An occasional drop of oil on the clamp screw and clutches, and hanging clamps not in use on handy brackets, will add years to their life.
8. Any "mechanic" can wreck the best clamp made if he uses a long enough wrench or bar!
9. Clamps are simple tools, of which extremes are usually expected. Correct design and simple construction will keep repair and replacements to a minimum.
10. In comparing original cost, or "price", make "ultimate value" the basis for final selection.

Manufactured by

ADJUSTABLE CLAMP COMPANY

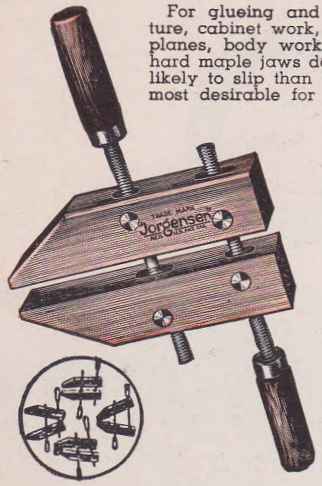
"The Clamp Folks"

417 no. ashland ave. • chicago 22, ill.

MOnroe 6-0640 (Area Code 312)

"Jorgensen" ADJUSTABLE STEEL SPINDLE HANDSCREWS

Style "J"



For glueing and assembly of woodwork, furniture, cabinet work, musical instruments, boats, airplanes, body work, patterns, stair work, etc. The hard maple jaws do not mar the work and are less likely to slip than steel jaws. Hence they are also most desirable for holding steel sheets, bars, odd shapes, templates, bakelite, linoleum, fabrics, insulated wire, the veneers, etc. They have deep throat and afford either a broad area of evenly distributed pressure, or concentration at one point. Leverage of screw action gives most secure grip.

Finest hard maple straight grain seasoned and oiled jaws. Cold drawn screws and nuts, faster in operation and more durable than wood screws. Angle of jaws adjustable to fit the work or over-lap one jaw behind the other. Threads will not strip. Glue will not adhere to the spindles. Does not come apart. Not affected by changes in climatic conditions.

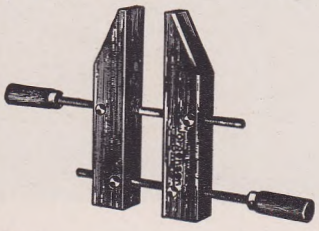
Stock No.	List Price Each	Lgth. Jaws In.	Open Btwn. Jaws In.	Wt. Lbs. per Doz.	Stock No.	List Price Each	Lgth. Jaws In.	Open Btwn. Jaws In.	Wt. Lbs. per Doz.
5/0		4	2	6	2		12	8½	54
4/0		5	2½	8	3		14	10	64
3/0		6	3	16	4		16	12	94
2/0		7	3½	18	5		18	14	108
0		8	4½	24	6		20	14	136
1		10	6	32	7		24	17	164

Packed ½ dozen per carton

"Jorgensen" Steel Spindle Hand-Screws

Style 9

NON-ADJUSTABLE TYPE



Offered for the few users who prefer to have the jaws held practically parallel at all times. Same general specifications as our Style "J", except jaws will not adjust to angles, or overlap each other.

Stock No.	List Price Each	Lgth. Jaws In.	Open Btwn. Jaws In.	Wt. Lbs. per Doz.	Stock No.	List Price Each	Lgth. Jaws In.	Open Btwn. Jaws In.	Wt. Lbs. per Doz.
915		6	3	16	910		12	8½	54
914		7	3½	18	908		14	10	64
913		8	4½	24	906		16	12	94
912		10	6	32	904		18	14	108

Packed ½ dozen per carton

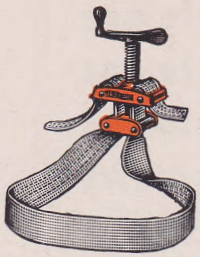
Style 59 "Pony" Cabinet Clamps

Light weight wood bar clamp for assembling the finest class of cabinet work or for use on finished surfaces where heavier clamps might injure the finish. Malleable iron jaws 2¼" high with leather buffers. Tail piece held in place by heavy flat steel spring securely riveted to jaw. Cold drawn steel screw has smooth square threads. Mounted on hard maple bar, 1⅛x2 inches.

Stock No.	List Price Each	Max. Open. In.	Sh. Wt. Doz. lbs.	Stock No.	List Price Each	Max. Open. In.	Sh. Wt. Doz. lbs.
5918		18	50	5948		48	68
5928		28	56	5960		60	80
5938		38	62	5972		72	92

Packed one dozen per crate

Style 62 "Jorgensen" Band Clamps



CANVAS, OR STEEL BAND

For the many applications where clamping round or irregularly shaped sections, such as furniture frames, aircraft sections, tanks, or columns, presents a difficult problem. The pre-stretched canvas band is 2" wide; the steel band (optional if specified) is 1¾" wide. Both are quickly adjustable from either end thru the screw head.

Canvas band is recommended for nearly all uses—it is more easily handled and does not kink; steel band should be used on round shapes only. Self-locking cams hold the band securely. Cam-extensions provide for easy release. Rubber pad on base protects finished surfaces, and also provides pressure on the work immediately beneath the fixture. Band will withstand about 2,800-lbs. load.

Best-grade malleable-iron castings, baked enamel finish. Cold-drawn steel screw, ⅝" dia. No loose parts—light in weight.

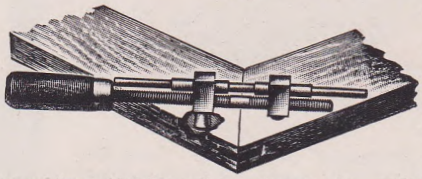
Note: "Canvas band" is always supplied unless "steel band" is specified. Steel band cannot be used on a head fixture designed for canvas band, and vice versa.

Stock No. (Canvas Band)	Stock No. (Steel Band)	List Price, Each	Length of Band. ft.	Sh. Wt. Each, lbs.
6210	6210-S		10	5¼
6215	6215-S		15	5½
6220	6220-S		20	5¾
6225	6225-S		25	6
6230	6230-S		30	6¼

Packed singly in shelf boxes.

Extra, or special lengths, of band (canvas or steel) available at $ per lineal ft. list price.

Style 63 "Jorgensen" Mitre Clamps

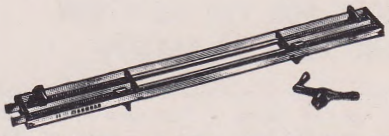


U.S. Pat. No. 2186198

Designed for mitering flat casings where a ⅝" dia. blind hole may be bored in the back of the pieces to be joined. Forces the two ends being clamped directly against each other, no matter what the mitre-angle may be—with no tendency for the ends to creep along or away from each other. Easy and quick to operate—strong and light in weight.

Stock No.	List Price, Each	Capacity Between Centers, Inches Max.	Min.	Sh. Wt. per Dozen, lbs.
63		6	2	14

Style 21 "Jorgensen" Piling Clamps



Handle any thickness, width, or lengths. No special starting bars, spacers, or trucks required.

For quantity production of edge-glued stock, at low cost, in a "pile" which may be built up as high as is convenient.

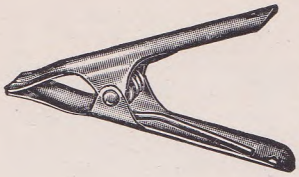
Each clamp consists of two independently operated screws, one operating jaws to clamp the work above the clamp, the other to clamp the work below the clamp. No starting bars, spacers, or special trucks required; stock of varying thicknesses, widths, or lengths may be glued in the same pile. The work is always centered on the clamps—there is no tendency to "buckle"; positive screw pressure applies ample clamping load and provides ample "take-up". Jaws reach 1"; screws are ⅝" dia. cold-drawn steel with smooth square threads of rapid-acting design.

Stock No.	List Price Each	Opening Between Jaws Maximum	Minimum	Sh. Wt. per Dozen
2124		24"	6"	160 lbs.
2130		30"	12"	192 lbs.
2136		36"	18"	210 lbs.
2142		42"	24"	226 lbs.
2148		48"	30"	246 lbs.
2160		60"	42"	292 lbs.
2172		72"	54"	332 lbs.

Note: One handle furnished no charge with each dozen clamps ordered; extra handles, list each—$

Packed ½ dozen per crate

Style 32 "Pony" Spring Clamps

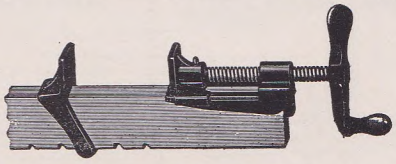


Light, inexpensive tools of hundreds of uses in industry, school and home. Ready, willing extra hands wherever relatively light pressure is adequate. and especially where speed is essential. Steel jaws are plated, shaped to fit the hands; jaw ends formed to avoid scratching work being held. Tempered steel springs are heavier than ordinary, to afford maximum pressure. Can be furnished in quantities, on special order, with moulded-on rubber jaw-tips.

Stock No.	List Price Each	Max. Open. Btwn. Jaws, In.	Length of Jaws, In.	Sh. Wt. per Doz. lbs.
3201		3/4	4	1 1/2
3202		1 1/2	6	3 1/2
3203		2 3/4	9	9
3204		4	12	18

No. 3201 and No. 3202 packed one dozen per box.
No. 3203 and No. 3204 packed ½-dozen per box.

Style 65 Wood Bar Clamp Fixtures



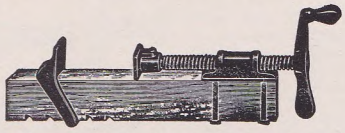
For use on Wood bars finished to 1¼"x2½" in cross section, to make low-cost, light-weight bar clamps of any desired length.

Sliding head is supported by guides, relieving the screw from bending strain—will not get out of line. Castings are best-grade malleable iron; cold-drawn steel screw is ⅝" dia. Clamping faces 1½" square. One "set" makes one clamp.

Style 65 Clamp Fixtures (Irons Only — wood bars not furnished) — list price per set.....$

Packed one dozen per carton. Shipping wt.—32 lbs.

Style 66 Wood Bar Clamp Fixtures



Furnished with special ribbed bolts, for mounting on wood bars finished to 1¼"x2½", to make low-cost, light weight bar clamps of any desired length. Best-grade malleable iron castings, baked enamel finish. Cold-drawn steel screw 11/16" dia. Clamping faces approx. 1½" square. Head Assembly, used alone, can be mounted on any flat surface, to make special jigs or fixtures. One "set" makes one clamp.

Style 66 Clamp Fixtures (Irons Only—wood bars not furnished)—list price per set.....$

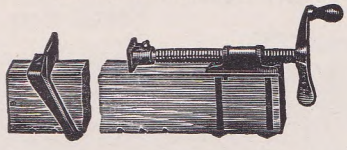
Packed one dozen per carton. Shipping wt.—39 lbs.

Style 66-H Head Assembly Only (Same as above except "tail-stops" not furnished)—list price each.....$

Packed one dozen per carton. Shipping wt.—32 lbs.

Style 6624 Wood Bar Clamp Fixtures

(for use on ordinary 2x4's)



Furnished with special ribbed bolts, for mounting on ordinary 2x4's (1⅝"x3⅝") to make low-cost, practical bar clamps of any desired length. Best-grade malleable iron castings, baked enamel finish. Cold-drawn steel screw 11/16" dia. Clamping faces approx. 1½" square. Head Assembly, used alone, can be mounted on any flat surface, to make special jigs or fixtures. One "set" makes one clamp.

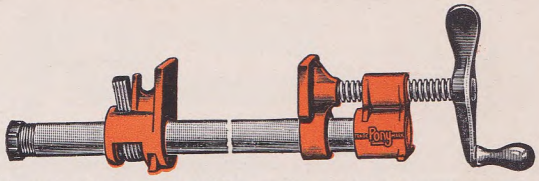
Style 6624 Clamp Fixtures (Irons Only—wood bars not furnished)—**list price per set.....$**

Packed one dozen per carton. Shipping wt.—42 lbs.

Style 6624-H Head Assembly Only (Same as above except "tail-stops" not furnished)—list price each.....$

Packed one dozen per carton. Shipping wt.—32 lbs.

Style 50 "Pony" Steel Bar Clamp Fixtures

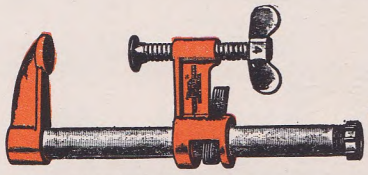


Fixtures to be used on ordinary ¾-inch black pipe as the bar. No holes, notches or rivets required to assemble; just screw the head on regular pipe threads. The foot has a multiple disc clutch which grips the bar automatically at any point. Most rapid action, secure holding power and easy release. Hardened clutch disc. ⅝-inch diameter screw. Clamp faces 1¾-inches square. Baked enamel finish. One "Set" makes one clamp.

Packed 1 dozen sets in carton. 1 set per shelf box. Shipping weight 31 pounds per dozen.

No. 50 "PONY" Fixtures Only.....List Price Each $
Complete clamps quoted on application.

Style 56 "Pony" Steel Bar Clamp Fixtures



Uses ¾" pipe as bar, to which foot is screwed on regular pipe threads. Head automatically grips bar at any point by Multiple Disc Clutch, which permits instant adjustment to fit the work. With both heads "reversed", can be used to "push", or spread work from the inside. No machine work required to assemble—no holes to drill, no notches, no rivets.

The screw is cold-drawn steel, ⅝" dia., 2½" from edge of bar. Clutch discs are hardened steel, and castings are best malleable iron, baked enamel finish. "Extra-heavy" black pipe is recommended for these Fixtures. One "set" makes one clamp.

Packed 1 set per shelf-box, 1 dz. sets per carton. Shipping Wt. 28 lbs. per dz. sets.

No. 56 "PONY" Fixtures Only.....List, per set $
Complete clamps quoted on application.

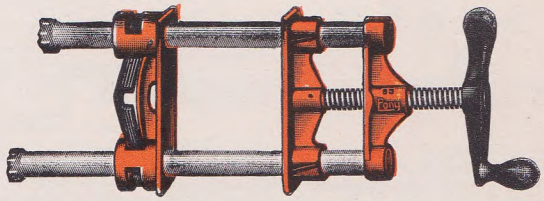
Style 52 "Pony" Steel Bar Clamp Fixtures

A light-service design, to make bar clamps on any length of ½-inch black pipe. Head screws on regular pipe threads—Multiple Disc Clutch in foot grips the pipe automatically at any point, holds securely, releases easily by means of new, exclusive "extended" clutches. Instant adjustment. Ball-and-socket swivel on screw, 1" dia.; clamping face 1½" square on foot; hand wheel 2⅞" dia.; screw ½" dia. cold-drawn steel, with smoothly cut square threads. Baked enamel finish. One "set" makes one clamp.

Packed 1 dozen sets in carton. 1 set per shelf box. Shipping weight, 17 pounds per dozen.

No. 52 "PONY" Fixtures Only.....List Price Each $
Complete clamps quoted on application.

Style 53 "Pony" Steel Bar Clamp Fixtures



Double-bar clamps are desirable for either very thin stock or extra thick work. They straddle and pull evenly on both sides of the work, and tend to keep thin stock from buckling. They eliminate the tendency of the single bars to bend back under heavy pressure. These Fixtures are to be mounted on a pair of ½" ordinary black pipes to make a double bar clamp of any desired length. Distance between bars—3¼"; jaw faces 2¼" wide. Baked enamel finish. One "set" makes one clamp.

Packed 1 set per shelf box. 12 sets per carton, weight 54 lbs. doz.

No. 53 "PONY" Fixtures Only.....List, per set $
Complete clamps quoted on application

Style 70 "Jorgensen" Steel I-Bar Clamps

Steel I-bar of extra carbon and manganese content, size 1½x⅝ x⅛-inch plus, without notches or deformity. Multiple disc clutch grips automatically at any point. Secure hold and easy release. Malleable castings with orange baked enamel finish. Screws of cold drawn steel, ⅝ inch diameter with deep smooth threads and hardened thrust bearing. Jaws, 2 inches high, 1¾ inches wide.

Solid one-piece handle recommended; plain crank with loose wood grip optional.

Stock No.	List Price Each	Max. Opening Feet	Lbs. per Dozen	Stock No.	List Price Each	Max. Opening Feet	Lbs. per Dozen
7024		2	86	7060		5	134
7030		2½	94	7072		6	150
7036		3	102	7084		7	168
7048		4	118	7096		8	186

Packed ½ dozen per bundle

Style 40 "Jorgensen" Steel Bar Clamps

Greatest strength is obtained by use in this clamp of .90 carbon spring steel, 5/16"x1⅜". The multiple disc clutch grips automatically at any point for speed in operation. Secure hold, easy release, and long life. Malleable castings, with orange baked enamel finish. ⅝" dia. screws, hardened thrust bearing, jaws 2" high, 1¾" wide.

Solid one-piece double handle recommended; plain crank with loose wood grip is optional.

Stock No.	List Price Each	Max. Opening Feet	Lbs. per Dozen	Stock No.	List Price Each	Max. Opening Feet	Lbs. per Dozen
4024		2	83	4060		5	134
4030		2½	91	4072		6	151
4036		3	100	4084		7	168
4048		4	117	4096		8	185

Packed ½ dozen per bundle.

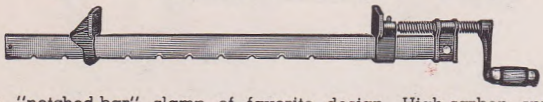
Style 60 Spring Steel Bar Clamps

A "notched-bar" clamp of favorite design. High-carbon spring steel bar, 1⅜"x5/16". Best workmanship through-out, at lowest possible cost. Clamping faces 1¾" high, 1½" wide. Cold-drawn steel screw ⅝" dia. One-piece handle. Baked enamel finish.

Stock No.	List Price Each	Maximum Opening Between Jaws	Weight Per Dozen
6024		2 ft.	72 lbs.
6030		2½ ft.	80 lbs.
6036		3 ft.	88 lbs.
6048		4 ft.	104 lbs.
6060		5 ft.	120 lbs.
6072		6 ft.	136 lbs.
6084		7 ft.	154 lbs.
6096		8 ft.	172 lbs.

Packed ½ dozen per bundle

Style 61 Spring Steel Bar Clamps



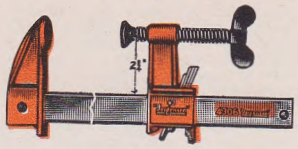
A "notched-bar" clamp of favorite design. High-carbon spring steel bar, 1⅜"x5/16". Best workmanship through-out, at lowest possible cost. Clamping faces 1¾" high, 1½" wide. Cold-drawn steel screw ⅝" dia. Plain "crank-type" handle with free-turning wood grip 3¼" long.

Stock No.	List Price Each	Maximum Opening Between Jaws	Weight Per Dozen
6124		2 ft.	72 lbs.
6130		2½ ft.	80 lbs.
6136		3 ft.	88 lbs.
6148		4 ft.	104 lbs.
6160		5 ft.	120 lbs.
6172		6 ft.	136 lbs.
6184		7 ft.	154 lbs.
6196		8 ft.	172 lbs.

Packed ½ dozen per bundle

Style 43 "Jorgensen" Steel Bar Clamps

"HIGH SPEED"



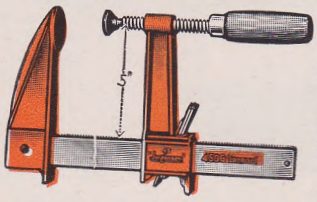
Movable head, fixed foot design, with new, exclusive "extended" Multiple Disc Clutch for instant adjustment, secure hold, and easy release. Bar is 1⅜" x 5/16" spring steel; malleable iron jaws, 2¾" reach from edge of bar to C/L of screw. ⅝" dia. cold-drawn steel screw. Hardened steel clutch discs, reversible, renewable. Baked enamel finish. Round wood handle optional if specified.

Stock No.	List Price Each	Max. Opening Inches	Lbs. per Dozen	Stock No.	List Price Each	Max. Opening Inches	Lbs. per Dozen
4306		6	48	4318		18	62
4308		8	52	4324		24	70
4310		10	54	4330		30	78
4312		12	58	4336		36	86

Packed ½ dozen per bundle

Style 45 "Jorgensen" Steel Bar Clamps

"HIGH SPEED"



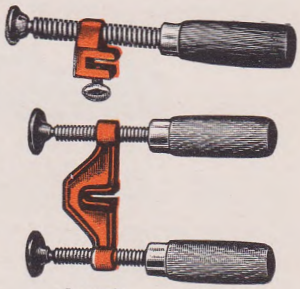
Sliding head and fixed foot with 5-inch reach from edge of bar to center of screw. Instant adjustment and secure hold by automatic multiple disc clutch. Easy release yet head is never loose on the bar.

Bar is 1⅜x5/16-inch spring steel. Screw, ⅝-inch diameter. Orange baked enameled castings. Iron thumb nut optional in lieu of wood handle.

Stock No.	List Price Each	Max. Opening Inches	Lbs. per Dozen	Stock No.	List Price Each	Max. Opening Inches	Lbs. per Dozen
4506		6	58	4518		18	68
4508		8	60	4524		24	76
4510		10	62	4530		30	84
4512		12	64	4536		36	92

Packed ½ dozen per bundle.

Style 64 "Jorgensen" Edge Clamp Fixtures

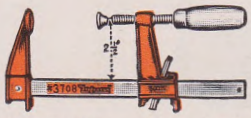


Attachments for use with "deep reach" bar clamps having a bar not more than 5/16" thick. (See our Styles No. 43, No. 45, etc.) Apply pressure at right angles to axis of clamp bar—for drawing joints together, edge gluing, or for applying pressure to middle of broad surfaces. No. 641—single spindle design, ⅝" dia. screw. No. 642—double spindle design, ½" dia. screws, 4" between centers, straddle clamp bar to apply equal pressure on both sides of bar.

Stock No.	List Price Each	Length Overall	Lbs. per Dozen
641		9¼"	12
642		7½"	20

Packed one dozen per carton.

Style 37 "Jorgensen" Light-Pattern "HIGH SPEED" Steel Bar Clamps



A very light-weight, low-priced, instant-acting bar clamp made to high-quality standards. Ideal for patternmakers, wood and metal workers, and homecrafters. Multiple Disc Clutch permits instant adjustment — secure hold — easy to release.

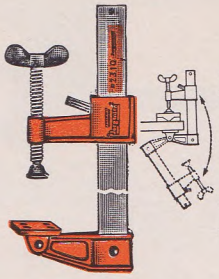
Bar is ¼"x¾" spring steel; ⅜" dia. steel screw; 2½" reach from edge of bar to C/L of screw; orange baked enamel finish on castings. A quality tool which will give enduring service within its light-load limits.

Stock No.	List Price Each	Max. Opening Capacity	Lbs. per Dozen
3706		6"	15
3712		12"	20
3718		18"	25
3724		24"	30
3730		30"	35
3736		36"	40

No. 3706 and No. 3712 packed ½-dozen per shelf box.
No. 3718 and larger packed ½-dozen per bundle.

"Jorgensen" Hinged Clamps

The "hinged" foot permits these clamps to swing into clamping position, or swing clear of the work, out of the way, when not in use. The hinged "swivel-plate" can be mounted permanently in any location; or, used with No. 2203 track, clamps are movable "sideways" in the track to any location along the length of track installed. Clamps are out of the way when not in use — but are always at hand, prepositioned, when wanted; no lost time looking for clamps — no lost motion in the clamping operation. Extremely practical for any production-line assembly, or on any workbench, saw-horse, jig or fixture. Fast, one-hand operation reduces job time. Can also be used, unmounted, as regular bar clamps. Sliding head adjusts instantly—holds securely—releases easily; screw pressure provides ample take-up as compared to toggle or cam-operated devices. Spring-steel bars — cold-drawn steel screws — best grade malleable castings, orange baked enamel finish.



Hinged foot mounts anywhere — or slides in "track" for sideways adjustment.

Clamp swings in arc of nearly 180° up to, or away from work.

Style No. 22 — Bar: 1"x5/16" Screw: 1/2" dia. Wing-nut type handle.

Stock No.	List Price Each	Opening Cap., inches	"Reach", inches	Sh. Wt. per Doz.	Load Limit, lbs.
2208		8	2	36 lbs.	1,800
2212		12	2	40 lbs.	1,800
2218		18	2	44 lbs.	1,800
2230		30	2	56 lbs.	1,800

Style No. 24 — Bar: 1"x5/16" Screw: 1/2" dia. Round wood handle regularly furnished. Wing-nut type handle optional if specified.

2408		8	3½	46 lbs.	1,200
2412		12	3½	50 lbs.	1,200
2418		18	3½	52 lbs.	1,200
2430		30	3½	64 lbs.	1,200

Style No. 23 — Bar: 1⅜"x5/16" Screw: 5/8" dia. Wing-nut type handle.

2308		8	2¾	56 lbs.	2,400
2312		12	2¾	62 lbs.	2,400
2318		18	2¾	66 lbs.	2,400
2330		30	2¾	82 lbs.	2,400

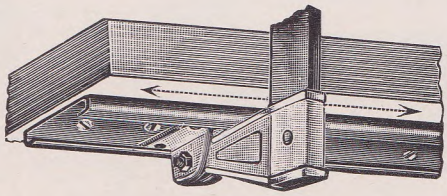
Style No. 25 — Bar: 1⅜"x5/16" Screw: 5/8" dia. Round wood handle regularly furnished. Wing-nut type handle optional if specified.

2508		8	5	64 lbs.	1,600
2512		12	5	68 lbs.	1,600
2518		18	5	72 lbs.	1,600
2530		30	5	88 lbs.	1,600

All sizes packed one-half dozen per bundle.
Special and intermediate sizes made to order.

EXTRA No. 2202 Swivel Plates, fit all sizes), complete with Swivel Bolts .....$ list each

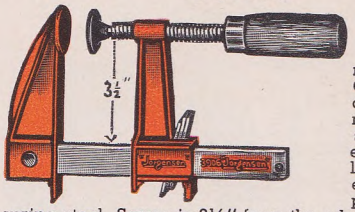
"Jorgensen" TRACK—for hinged clamps



For use with all styles of "JORGENSEN" Hinged Clamps. With track installed, clamps slide "sideways" in the track — can be positioned instantly anywhere along the length of track used. Track is furnished in 24" sections, complete with screws, ready for mounting; rust-proof finish.

No. 2203 STEEL TRACK (24" length).....$ list price each
Packed one-half dozen sections per carton.
Shipping Weight—16-lbs. per dozen.

Style 39 "Jorgensen" Cabinet Clamps

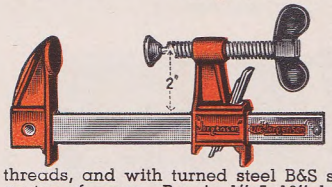


A quick-operating improvement used in place of "C" Clamps on cabinets and other work where space will not permit the use of Handscrews. Instant adjustment to exact opening and automatic lock, so screw need be turned only to apply or release pressure. Bar is 5/16"x1" spring steel. Screw is 3½" from the edge of bar. Swivel is 1½" dia. Orange baked enamel finish.

Stock No.	List Price Each	Maximum Opening	Weight per Doz.
3906		6"	40 lbs.
3908		8"	42
3910		10"	44
3912		12"	46
3918		18"	48
3924		24"	54

Packed ½ dozen per bundle.

Style 42 "Jorgensen" Steel Bar Clamps

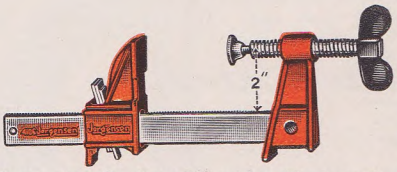


Sliding head type, with dead end for working inside or in close quarters. Multiple Disc Clutch in sliding head gives instant adjustment and a positive grip. By reason of speedy action, this is a great time-saver over "C" Clamps. Screw is cold-drawn steel ½" dia. with deep smooth threads, and with turned steel B&S swivel. Reaches 2" from bar to center of screw. Bar is 1"x5/16" high-carbon spring steel, round edged. Orange baked enamel finish.

Stock No.	List Price Each	Maximum Opening	Weight per Doz.
4204		4"	28 lbs.
4206		6"	30
4208		8"	32
4210		10"	34
4212		12"	36
4218		18"	40
4224		24"	46
4230		30"	52

Packed ½ dozen per bundle

Style 41 "Jorgensen" Steel Bar Clamps



For light service and quick operation. Fixed Head type, center of screw 2" from edge of bar. Multiple Disc Clutch in sliding foot makes instant adjustment positive grip. Cold-drawn steel screw ½" dia. with deep, smooth threads, and with turned steel B&S swivel. Bar 1"x5/16" high carbon spring steel, round edged. Orange baked enamel finish.

Stock No.	List Price Each	Maximum Opening	Weight per Doz.
4104		4"	30 lbs.
4106		6"	32
4108		8"	34
4110		10"	36
4112		12"	38
4118		18"	40
4124		24"	46
4130		30"	52

Packed ½ dozen per bundle

Style 38 "Jorgensen" Joiner's Clamp

A light service design of low reach and very rapid action, featuring new "extended" Multiple Disc Clutch — holds securely — releases easily — instant adjustment. Bar 5/16" x 1" rd. edge spring steel. Clamping faces 1¼" high, 1½" wide. Cold-drawn steel screw ½" dia. Hand wheel 2⅞" dia. Baked enamel finish.

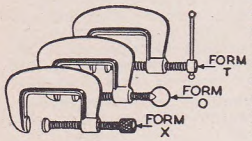
Stock No.	List Price Each	Maximum Opening	Weight per Doz.
3812		12"	40 lbs.
3818		18"	44
3824		24"	48
3830		30"	52

Packed ½ dozen per bundle

TRADE "Pony" REG. MARK U. S. PAT. OFF. Malleable C Clamps

Style 200

Frames are malleable iron, liberally proportioned, finished for smooth appearance and protection against rust. Steel screws with full standard threads, closely fitted. Turned steel swivels, securely fastened to end of screw.



On most sizes, one or two "optional" designs of handles are available if so specified on your order. The different designs of handles are indicated by "T", "O" or "X" as shown by the sketch at left. The price list below indicates what "optional" designs of handles, if any, are available for each size, and also indicates the proper manner of ordering, by adding the letter "O" or "X" to the regular stock number.

The "square frame" clamps No. 251 and 252 (Group H below) have wide, machine-flat outside edges so that they will stand up on those edges to support the work "clear" of the bench, for drilling, soldering, or similar operations.

The No. 245 and No. 246 (Group G below) are exceptionally strong considering their deep throat. Both numbers will withstand a load of 1600 lbs. or more.

On all sizes, depth of throat is measured from the center-line of the screw to the edge of the frame at mid-opening.

Group D—Regular Throat

Stock No.	List Price Each	Max. Opening In.	Max. Depth In.	Dia. Screw	Wt. Dozen lbs.	Type Handle
228		¾	⅝	#12	1¼	X
232		2	1	5/16	3½	T
232-O		2	1	5/16	3½	O
232-X		2	1	5/16	3½	X
242		2½	1⅜	⅜	6	T
242-O		2½	1⅜	⅜	6	O
242-X		2½	1⅜	⅜	6	X
243		3	1⅜	7/16	8	T

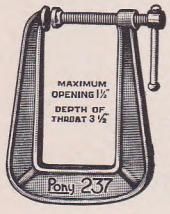
Group E—Medium Throat

231		1	1⅛	¼	2¼	T
231-O		1	1⅛	¼	2¼	O
231-X		1	1⅛	¼	2¼	X
233		1½	1½	5/16	3½	T
233-O		1½	1½	5/16	3½	O
233-X		1½	1½	5/16	3½	X
244		2½	2½	⅜	9½	T
244-O		2½	2½	⅜	9½	O
244-X		2½	2½	⅜	9½	X

Group F—Round Frame

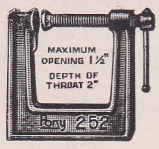
227	⅝	⅞	#12	1¼	X
230	1¼	1⅜	5/16	3	O
230-X	1¼	1⅜	5/16	3	X

Group G—Deep Throat



236	1	3½	¼	3½	X
237	1½	3½	5/16	5¼	T
237-O	1½	3½	5/16	5¼	O
237-X	1½	3½	5/16	5¼	X
245	2½	4¾	⅜	23	T
245-O	2½	4¾	⅜	23	O
245-X	2½	4¾	⅜	23	X
246	2½	6¼	⅜	27	T
246-O	2½	6¼	⅜	27	O
246-X	2½	6¼	⅜	27	X

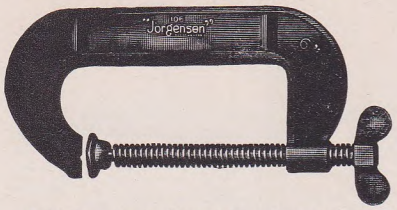
Group H—Square Frame



251	1	1½	¼	2½	T
251-O	1	1½	¼	2½	O
251-X	1	1½	¼	2½	X
252	1½	2	5/16	4	T
252-O	1½	2	5/16	4	O
252X	1½	2	5/16	4	X

Packed one dozen per shelf-box, except No. 245 and No. 246 which are packed ½ dozen per box. We do not break boxes in filling orders.

Style 1 TRADE MARK "Jorgensen" REG U S PAT OFF Carriage Clamps



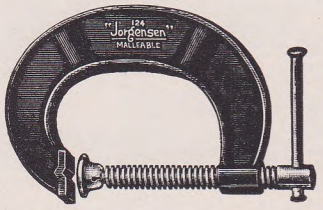
Here is probably the most universally used class of "C" clamp, made to "JORGENSEN" standards of quality — and available at most attractive prices. Liberally proportioned frames, specially treated for greatest possible strength.

Cold-drawn steel screws, of more than adequate diameters, carefully fitted. Broad handles, shaped to fit the fingers. Vise-type handles optional if specified. Swivels put on to stay. V-notch in foot of frame holds rounded sections.

Stock No.	List Price Each	Max. Open. In.	Throat Depth, In.	Wt. Doz. lbs.
102		2½	1¾	15
103		3	1⅞	18
104		4	2⅛	26
105		5	2½	29
106		6	2¾	37
108		8	3¼	58
110		10	3⅝	86
112		12	3⅝	92
112X		12	6	112

Packed ½ dozen per carton

Style 120 "Jorgensen" Body Clamps



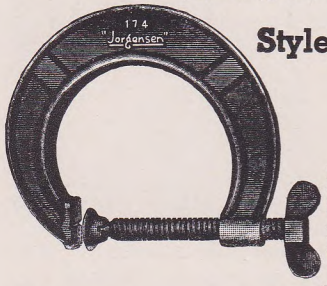
This design offers the greatest possible value in a "general service" "C" clamp—as your own comparisons of sizes, "reach", load-limit and price will indicate.

Frames are specially treated for great strength — very liberally proportioned — have V-notch in foot. Cold-drawn steel screws, full diameters. Vise-type handles; turned steel swivels, put on to stay. Foot machined plane.

Stock No.	List Price Each	Max. Opening Inches	Throat Depth Inches	Extreme Depth Inches	Screw Diam. Inches	Load Limit Lbs.	Lb. Per Doz.
122		2	2	2⅜	9/16	2700	20
123		3	2¼	2¾	9/16	3200	26
124		4	2½	3⅛	⅝	3400	32
125		5	3	3⅝	⅝	3500	44
126		6	3¼	3⅞	⅝	3700	48
128		8	3¾	4½	¾	4500	80
130		10	4	4¾	13/16	5000	104
132		12	4¼	5	13/16	5400	124

Packed ½ dozen per carton.

Style 170 TRADE MARK "Jorgensen" REG U S PAT OFF Deep-Throat "C" Clamps

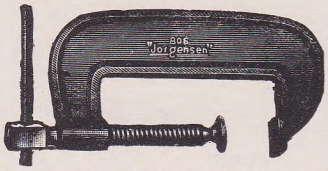


Extra deep throat, or "reach", combined with unusual strength. Best grade malleable iron frames, cold-drawn steel screws, V-notch cast into foot of frame. Malleable iron handle and swivel, which is "ball and socket" type.

Stock No.	List Each	Opens Inches	Rated Depth Inches	Extreme Depth Inches	Wt. Each Lbs.
174		4	4	4⅞	3½
175		5	5	6	4¾
176		6	6	7⅛	5¾

(Packed loose.)

Style 8 "Jorgensen" REG U S PAT OFF Machinists Clamps

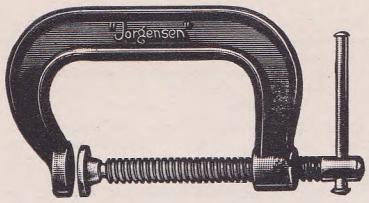


A heavy design that will stand far greater than ordinary service, in body building, structural and tank fabrication, and the like. Frame is heavy, specially treated for great strength. Foot machined plane. Cold-drawn steel screws 13/16" dia. turned from solid ⅞" square bar—⅞" square head permits the use of a wrench. Vise-type handles; turned steel swivels put on to stay, 1½" dia. Depth of throat 2½" in all sizes. Load limit 7200-lbs. in all sizes. Baked enamel finish.

Stock No.	List Each	Opens, In.	Sh. Wt. Each	Stock No.	List Each	Opens, In.	Sh. Wt. Each
802		2	5½ lbs.	806		6	7¼ lbs.
803		3	6 lbs.	808		8	7½ lbs.
804		4	6½ lbs.	810		10	9¼ lbs.
805		5	6¾ lbs.	812		12	10 lbs.

(Packed loose.)

Style 4 "Jorgensen" Drop-Forged Steel "C" Clamps



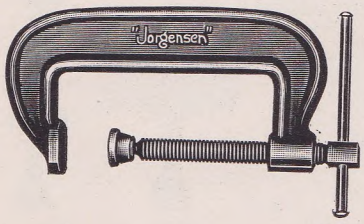
(for "regular" service)

Drop-forged, heat-treated, steel frames. Heat-treated steel screws. Steel swivels, ball-and-socket type, of special (pat. appl. for) design, put on to stay! Extra deep throat. For all regular "industrial service" requirements.

Stock No.	List Each	Max. Open. In.	Depth of Throat, Inches	Dia. of Screw, Inches	Ship. Wt. Per Doz. Pounds	Test Load, (Minimum) Pounds
401½		1½	1⅜	⅜	12	1,400
402		2	2	½	14	2,700
403		3	2⅜	½	19	3,000
404		4	2¾	⅝	30	3,700
406		6	3⅝	¾	56	4,500
408		8	4½	¾	72	5,200
410		10	5⅜	¾	114	6,000
412		12	5¾	⅞	168	8,000

Packed one-half dozen per carton.

Style 81 "Jorgensen" Drop-Forged Steel "C" Clamps



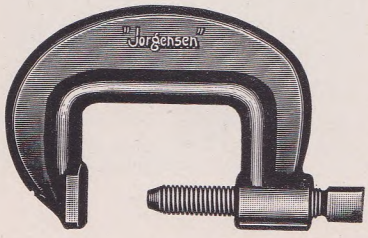
(for "medium" service)

Drop-forged, heat-treated, steel frames of more-than-ordinary proportions. Steel swivels, ball-and-socket type, of special (pat. appl. for) design, put on to stay! Heat-treated steel screws of adequate diameter. For "industrial" service requirements demanding more than ordinary strength.

Stock No.	List Each	Max. Open. In.	Depth of Throat, Inches	Dia. of Screw, Inches	Ship. Wt. Per Doz. Pounds	Test Load, (Minimum) Pounds
8102		2	1½	½	16	8,750
8103		3	2	⅝	32	9,375
8104		4	2⅜	¾	52	10,000
8106		6	2½	¾	76	11,250
8108		8	2⅝	¾	90	12,500
8110		10	2¾	¾	102	13,750
8112		12	2⅞	⅞	144	15,000
8115		15	3⅛	⅞	176	16,250
8118		18	3¼	⅞	228	17,500

Packed loose.

Style 82 "Jorgensen" Drop-Forged Steel "C" Clamps



(for extreme "heavy duty")

Drop-forged, heat-treated steel frames, designed for the most extreme class of industrial service. Heat-treated steel screws — square heads provide for use of wrenches. Heaviest, strongest "C" clamps available.

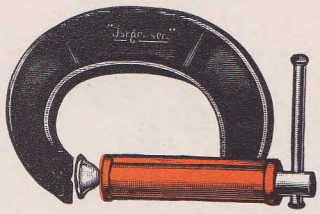
Stock No.	List Each	Max. Open. In.	Depth of Throat, Inches	Dia. of Screw, Inches	Ship. Wt. Per Doz. Pounds	Test Load, (Minimum) Pounds
8200		¾	¾	⅜	8	2,500
8201		1¼	1⅛	7/16	10	5,600
8201½		1¾	1½	9/16	24	8,750
8202		2¼	1⅞	11/16	46	12,500
8203		3¼	2¼	13/16	78	16,250
8204		4½	2¾	15/16	126	20,000
8205		5½	3¼	1	170	23,800
8206		6½	3½	1⅛	234	27,500
8208		8½	3¾	1¼	320	31,250
8210		10½	3⅞	1¼	380	35,000
8212		12½	4	1¼	420	40,000

Packed loose.

"Jorgensen" Shielded Welders' Clamps

(U.S. Pat. Nos. 2221326-2512528)

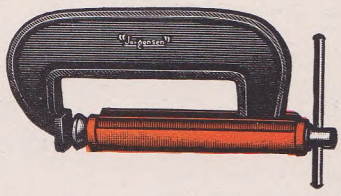
Style 120-S



A "general service" clamp, providing great strength for the weight, deep throat, and equipped with the exclusive "JORGENSEN" heavy steel Shield over the clamp screw, to afford POSITIVE protection from welding spatter and other damage in service. Cold-drawn steel screws; turned steel swivels, put on to stay. Iron wing-nut handles optional. Baked enamel finish.

Stock No.	List Price Each	Opening Max.	Inches Min.	Extreme Depth Inches	Dia. of Screw	Weight Each Pounds	Normal Load Limit Pounds
122-S		1-3/4	Close	2-3/8	9/16"	2	2700
123-S		2-3/4	Close	2-3/4	9/16"	2-1/2	3200
124-S		3-3/4	Close	3-1/8	5/8"	3-1/2	3400
125-S		4-3/4	Close	3-5/8	5/8"	4	3500
126-S		5-3/4	Close	3-7/8	5/8"	5	3700
128-S		7-5/8	Close	4-1/2	3/4"	7-1/2	4500
130-S		9-1/2	2	4-3/4	13/16"	10	5000
132-S		11-1/2	4	5	13/16"	11	5400

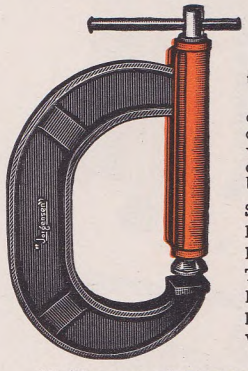
Style 8-S



A "heavy duty" weight of clamp, featuring the exclusive "JORGENSEN" heavy steel Shield over the clamp screw. The Shield protects the screw from spatter and other damage in welding service, and will greatly reduce the "mortality rate" of clamps in that type of service. Cold-drawn steel screws; vise-type handles. Depth of throat 2½" on all sizes. Normal load limit 7200-lbs. on all sizes. Baked enamel finish.

Stock No.	802-S	803-S	804-S	805-S	806-S	808-S	810-S	812-S
List Price, each								
Opens, in.	2	3	4	5	6	8	10	12
Wt. each lbs.	6½	6¾	7¼	8	8½	9¼	11½	13¼

Style 820-S



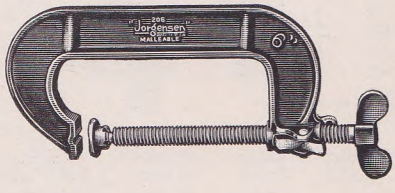
Shielded screw provides positive protection to screw threads.

Has deep throat. Extra heavy malleable iron frame. Vise-type handles. Cold drawn steel screw, 13/16-inch diameter, with deep, square smooth threads. Turned steel swivel. 1½-inch diameter, with brass thrust washers.

Stock No. 824-S	826-S	828-S
List, Each		
Max. Opening .....4¼"	6"	8"
Throat Depth in.....3⅞	4¼	4 7/16
Extreme Depth in.....4 11/16	5⅛	5¼
Load Limit, lb.....7000	7000	6000
Weight, lb. 7½	9¼	10¼

All "Jorgensen" Shielded Welders Clamps packed singly in shelf cartons.

Style 2 "Jorgensen" Quick-Acting "C" Clamps



Quickly adjusted to any desired opening simply by pressing the levers and pushing the screw into position. Recommended where speed and time-saving are most important.

Malleable iron frames, cold-drawn steel screws, ball and socket swivels. Black baked enamel finish.

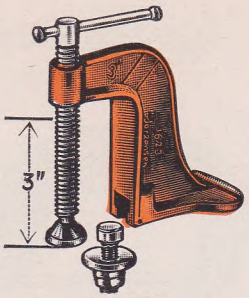
Stock No.	List Price Each	Max. Open. In.	Throat Depth, In.	Screw Dia. In.	Sh. Wt. per Doz. lbs.
202		2½	1¾	½	17
204		4	2⅛	½	25
206		6	2¾	⅝	38
208		8	3¼	⅝	58

Packed ½-dozen per carton.

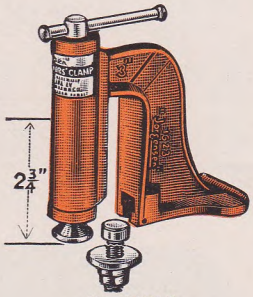
Style 16 "Jorgensen" HOLD-DOWN CLAMPS

(Patented)

"JORGENSEN" Hold-Down Clamps can be spotted on any work surface, as desired, without being limited to locations near the bench or table edge—a distinct advantage over ordinary clamps and vises. On bench tops, a countersunk hole is bored to accommodate the bolt that engages the clamp frame. Clamp can be put into service in seconds — the work surface is free of obstruction when the clamp is removed. Turns to any angle on work surface. Makes it easy to hold your work in "difficult" locations. Easily mounted, too, on drill-press or machine tables, saw-horse, side of bench, etc. "Shielded" screw on No. 1623-S provides **positive** protection from spatter or other damage in welding service. Rugged heat-treated malleable iron frame, cold-drawn steel screw 9/16" dia. Depth of throat—1¾". Bolt furnished.



No. 1623



No. 1623-S

Stock No.	List Price Each	Opening Capacity	Sh. Wt. per Dozen	Normal Load Limit
1623		3"	24 lbs.	3,200 lbs.
1623-S		2¾"	30 lbs.	3,200 lbs.

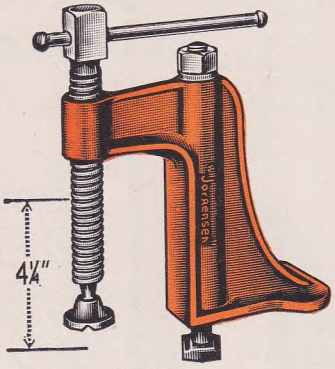
Packed singly in shelf boxes.

1623-BA Extra ⅜" dia. bolt, nuts, and washer

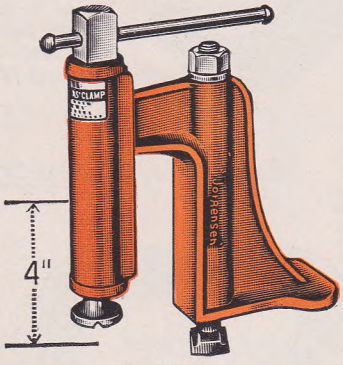
Style 18 "Jorgensen" HOLD-DOWN CLAMPS

(pat. pending)

HEAVY DUTY design, to simplify holding any object on machine or bench. Easily installed in T-slots on machine tables, or on any bench or fixture, by means of the T-slot bolt or machine bolt, both of which are furnished with each clamp. Provide means of holding objects in the middle of broad areas inaccessible to ordinary clamps. Swivel is V-notched to hold rounded shapes. Clamp will turn to any angle around holding-bolt. Frame is liberally proportioned and braced for great strength; screw is 13/16" dia. cold-drawn steel. On No. 1834-S, steel shield over the screw provide POSITIVE, non-deteriorating protection from welding spatter or other shop damage.



No. 1834



No. 1834-S

Stock No.	List, Each	Opening Capacity	Throat Depth	Sh. Wt. per Doz.	Normal Load Limit
1834		4¼"	2½"	84 lbs.	8,500 lbs.
1834-S		4"	2½"	90 lbs.	8,500 lbs.

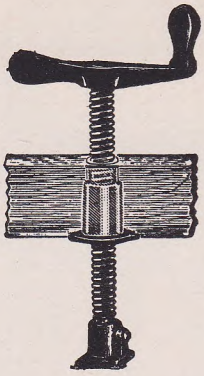
(One ⅝-11x8" T-slot bolt, and one ⅝-11x9" machine bolt, with nut and washers, furnished with each clamp).

(Packed singly in shelf boxes)

EXTRA BOLTS, NUTS, AND WASHERS:

Stock No. 1834-MBA: ⅝-11x9" machine bolt assembly
Stock No. 1834-TSB: ⅝-11x8" T-slot bolt assembly

Style 67 "Jorgensen" Press Screws



For making up veneer-press frames, case clamps, panel clamps, or portable or stationery jigs for all types of gluing, welding, or other assembly operation. Removable swivel permits easy installation for any job-design changeovers.

Castings are best-grade malleable iron, baked enamel finish. Cold-drawn steel screw is 11/16" dia. Swivel face measures 1⅜"x1⅝". Threaded nut drives into 1" round hole, and may be further secured by screws.

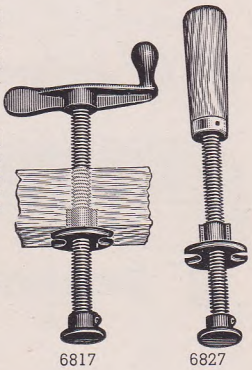
Stock No.	List Price Each	Length of Screw, In.	Sh. Wt. per Doz., lbs.
6709		9	24
6712		12	28
6718		18	34

Packed one dozen per carton.

Style 68 "Pony" Press Screws

A light design, particularly suited for fine veneering and cabinet work, or for making up special jigs or frames most economically. Removable swivel permits easy installation for any job-design changeovers.

Best-grade malleable iron castings, baked enamel finish. Cold-drawn steel screws are ½" dia. x 7" long, with special double-lead threads. Swivel face is 1¼" dia. Threaded nut drives into ¾" round hole and may be further secured by screws.



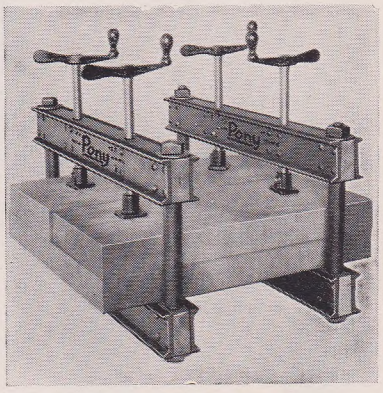
6817 6827

Stock No.	List Price Each	Length of Screw, In.	Sh. Wt. per Doz., lbs.
6817		7	13
6827		7	11

Packed one dozen per carton.

Style 676 "Pony" Veneer Press Frames

Inexpensive, ready-made, semi-portable Press Frames for all types of veneering and other assembly over broad areas. Ideal for schools and home, and for industrial use for short runs and special jobs.



Structural-steel beams have hardwood cores, with all necessary Style 67 Press Screws installed.

Two or more Frames are required to make a Press — there is no limit to the length of the work handled; just add as many Frames as required to allow **one screw for each 80 sq. in. of work area to be glued. Frames should not be set more** than 9" apart. Bed and caul illustrated above are not furnished. (The two No. 67618 Frames illustrated, having four screws bearing on the work, will produce very satisfactory results over an area of 320 sq. in.)

STOCK NO.	67618	67636
Inside Capacity — Height	6"	6"
Inside Capacity — Width	18"	36"
No. of screws per frame	2	4
Sh. Wt. each, pounds	36	56
List Price, Each	$	$

Packed one per carton.